17 October 1961

File "O" IN
E.K.

Dear Milt,

You may recall that sometime ago you forwarded a modified spool for testing and evaluation. This core had a number of 3/8" diameter holes drilled through the shell and covered with 7 mil mylar.

You may be interested in the attached prints which show the effect of film wound on this sample core. Approximately 300 feet of SO-132 were spooled onto the core and then held for one week at 72° 50% RH. These photographs are representative of the impressions left by the holes at both near the core and approximately 300 feet from the core. We would hazard a guess that the impressions would run a few more hundred feet into the production roll. The distortion at the focal plane would undoubtedly affect the picture detail quality.

As you are aware, a redesign was submitted which brought the weight down to .8 pounds and did not affect the core surface. This design has been accepted by you and we are proceeding with the order for 100 new units and reworking of the original 25 units. I am also enclosing two engineering drawings, No. 11-261-759-C which show the accepted modifications. One is for your files and the second copy should be approved and signed and returned to us for return to our shops.

Incidentally, if all goes well your next order for material may be the regular product, spooled on the modified cores and packed in reusable steel shipping containers with a polyurethane insert. As soon as one is available, I'll send some photographs. In line with this, is your November 15 request for 12 rolls still valid or can we slip a little if necessary to furnish SO-132 rather than SO-130?

Sincerely,

JAO/KL
Encl. 2 photographs
2 drawings

J. A. O.

cc: CH ✓

PS: Some of the above has been clarified by [redacted] call to me of 17 October. 25X1A

However, the last order of 12 rolls of material had some wound with "Z" tension and some with "W" tension to try and overcome telescoping. Do you have anything to report concerning these rolls so that your 15 November order will reflect the best winding with the least damage to the film?